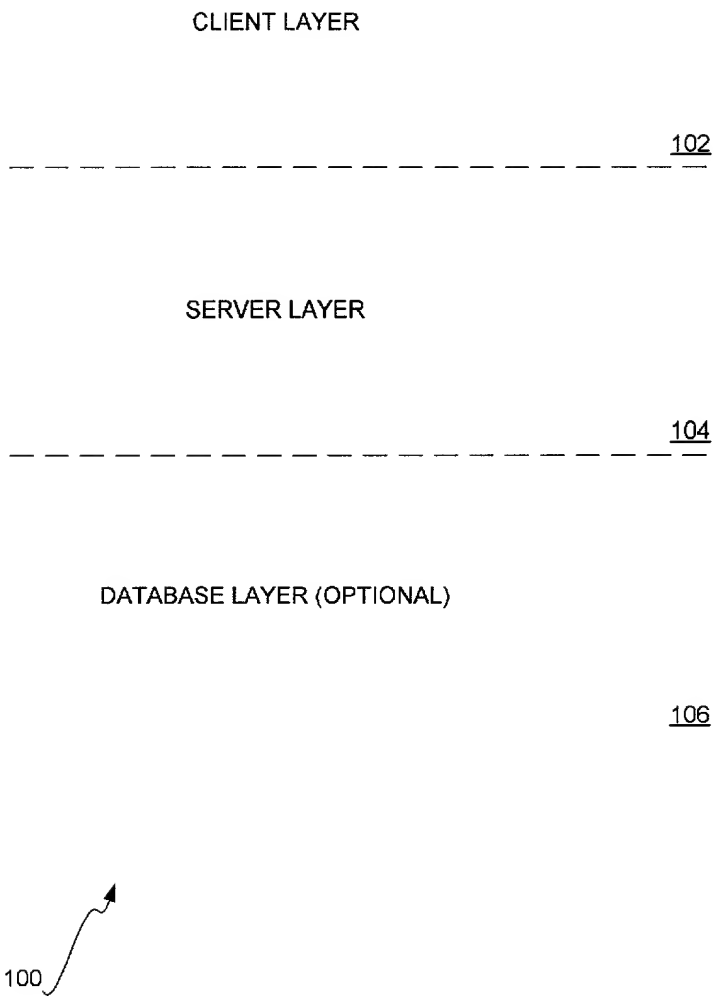
FIG 1



Petitioner's Exhibit 1002

FIG 2

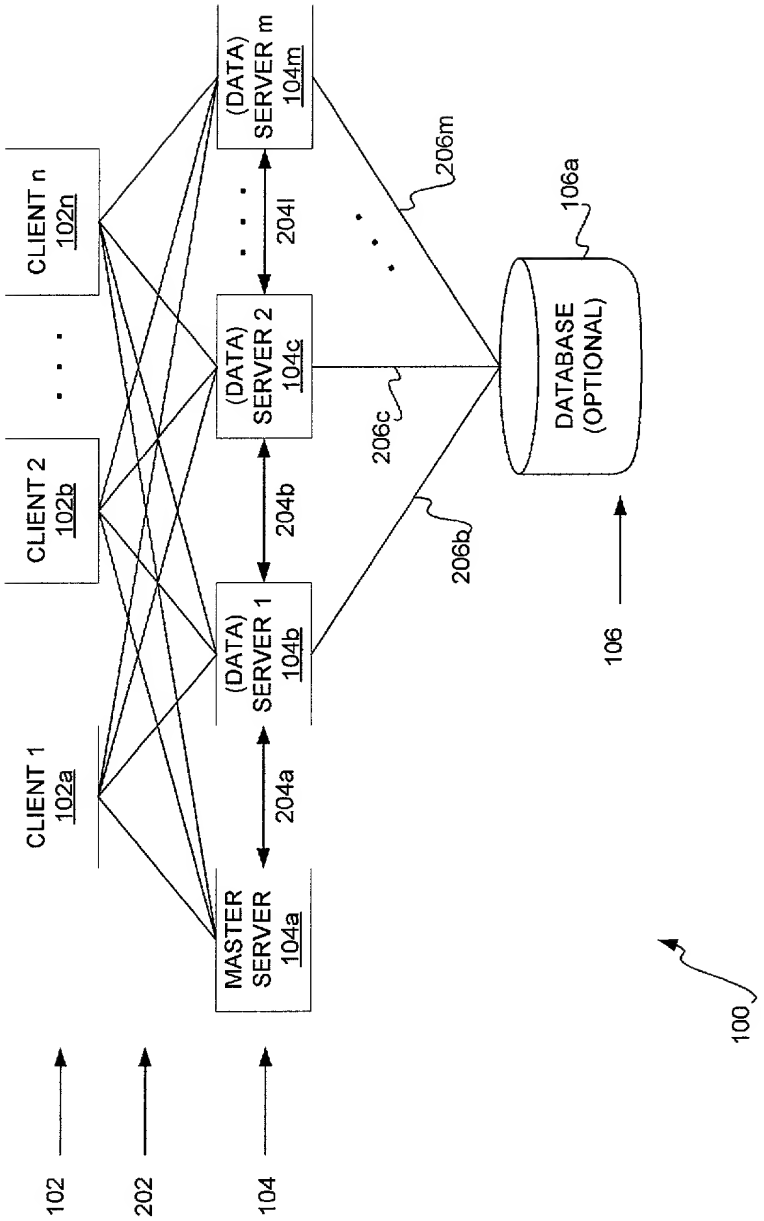

CLIENT 1
102a
CLIENT 2
102b
CLIENT n
102n
MASTER SERVER
104a
(DATA) SERVER 1
104b
(DATA) SERVER 2
104c
(DATA) SERVER m
104m
204a
204b
204l
206b
206c
206m
DATABASE (OPTIONAL)
106a
106
100
102
202
104

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FIG 3a

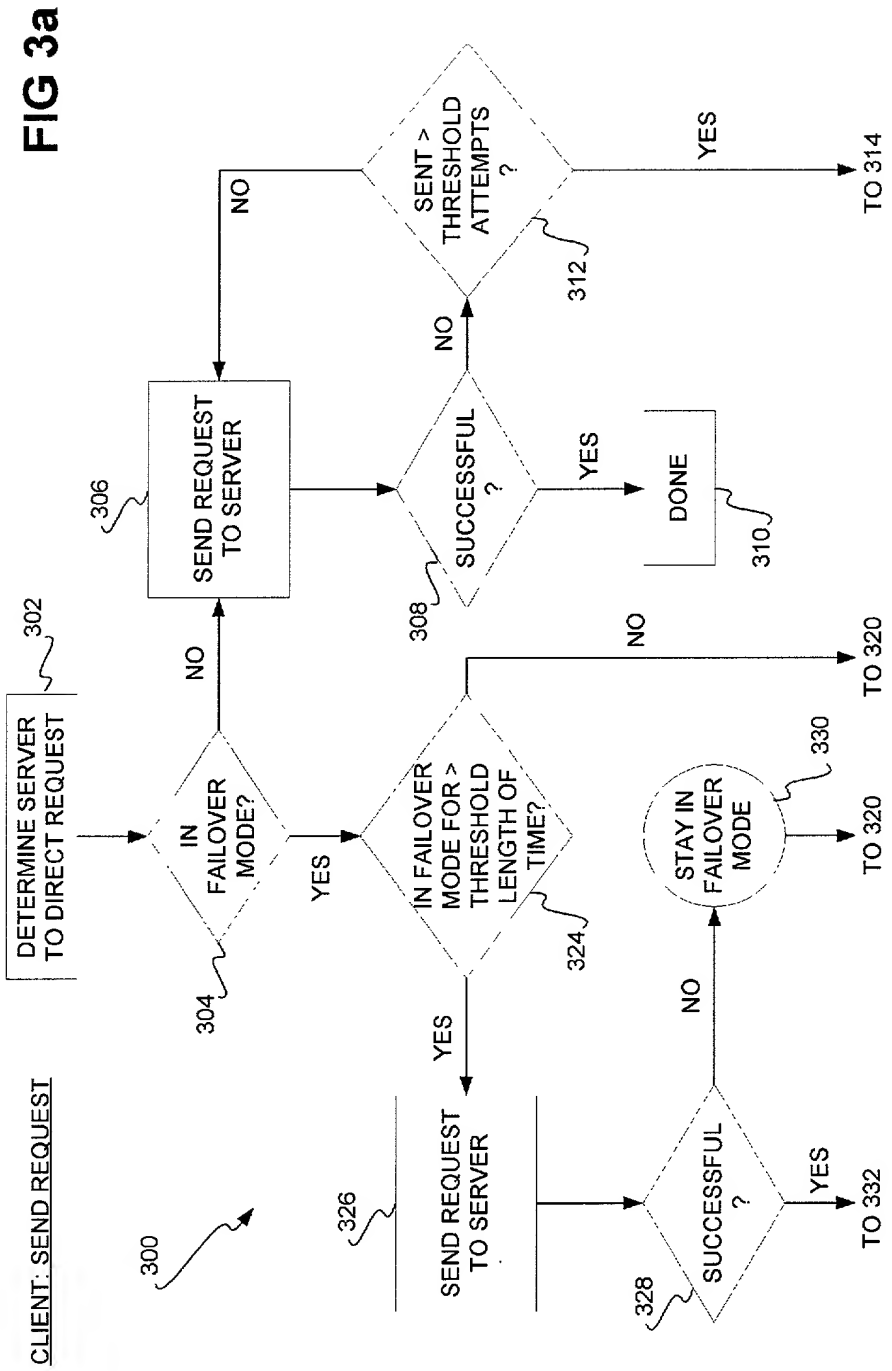

FIG 3b

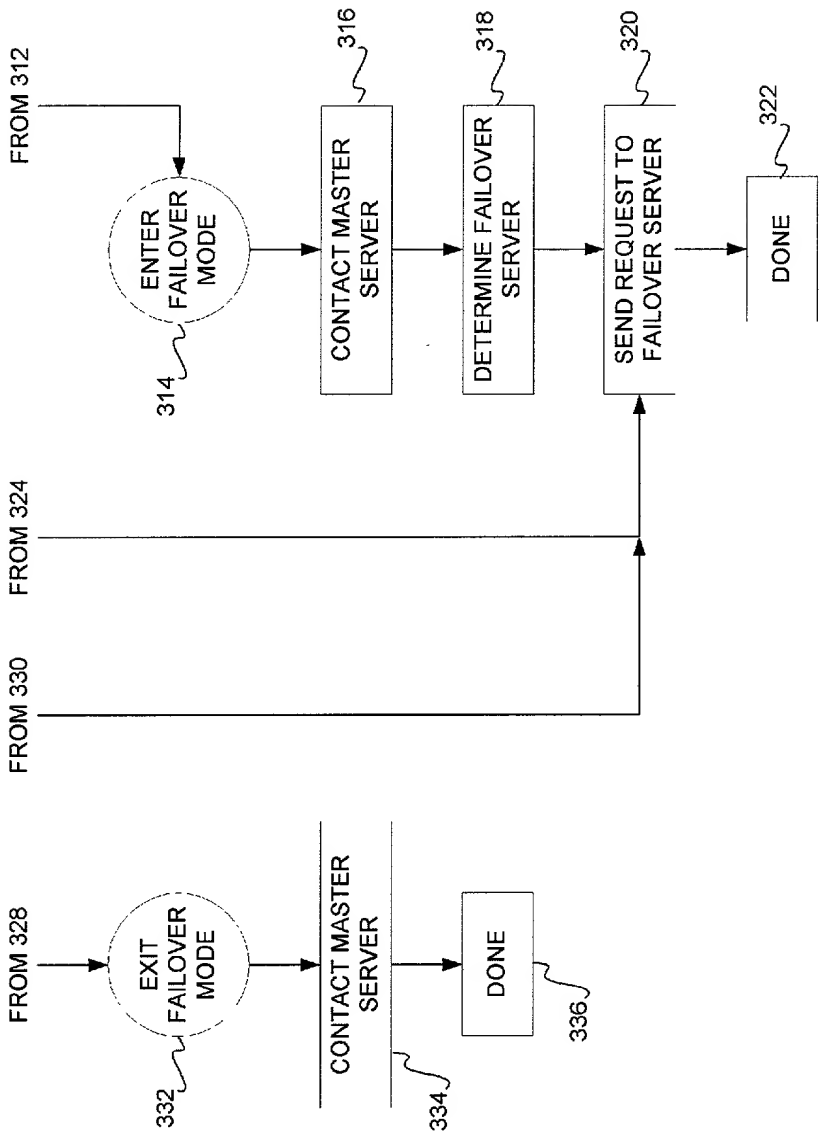
FROM 312
ENTER FAILOVER MODE
314
CONTACT MASTER SERVER
316
DETERMINE FAILOVER SERVER
318
SEND REQUEST TO FAILOVER SERVER
320
DONE
322
FROM 324
FROM 330
FROM 328
EXIT FAILOVER MODE
332
CONTACT MASTER SERVER
334
DONE
336

FIG 4

CLIENT: DETERMINE FAILOVER SERVER

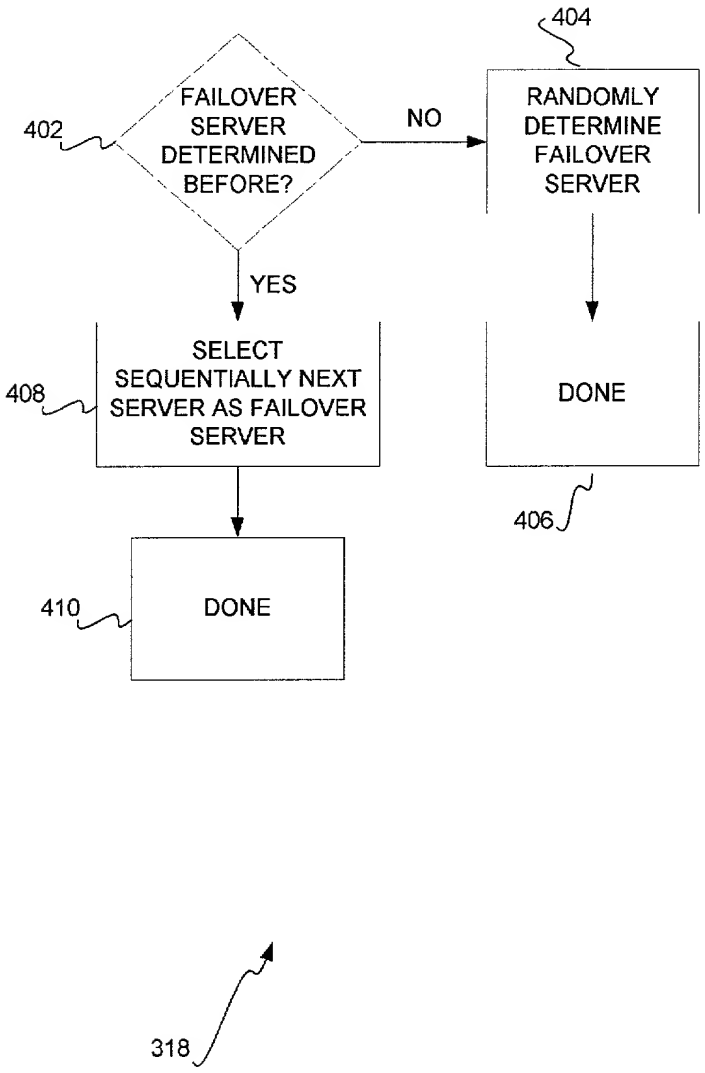

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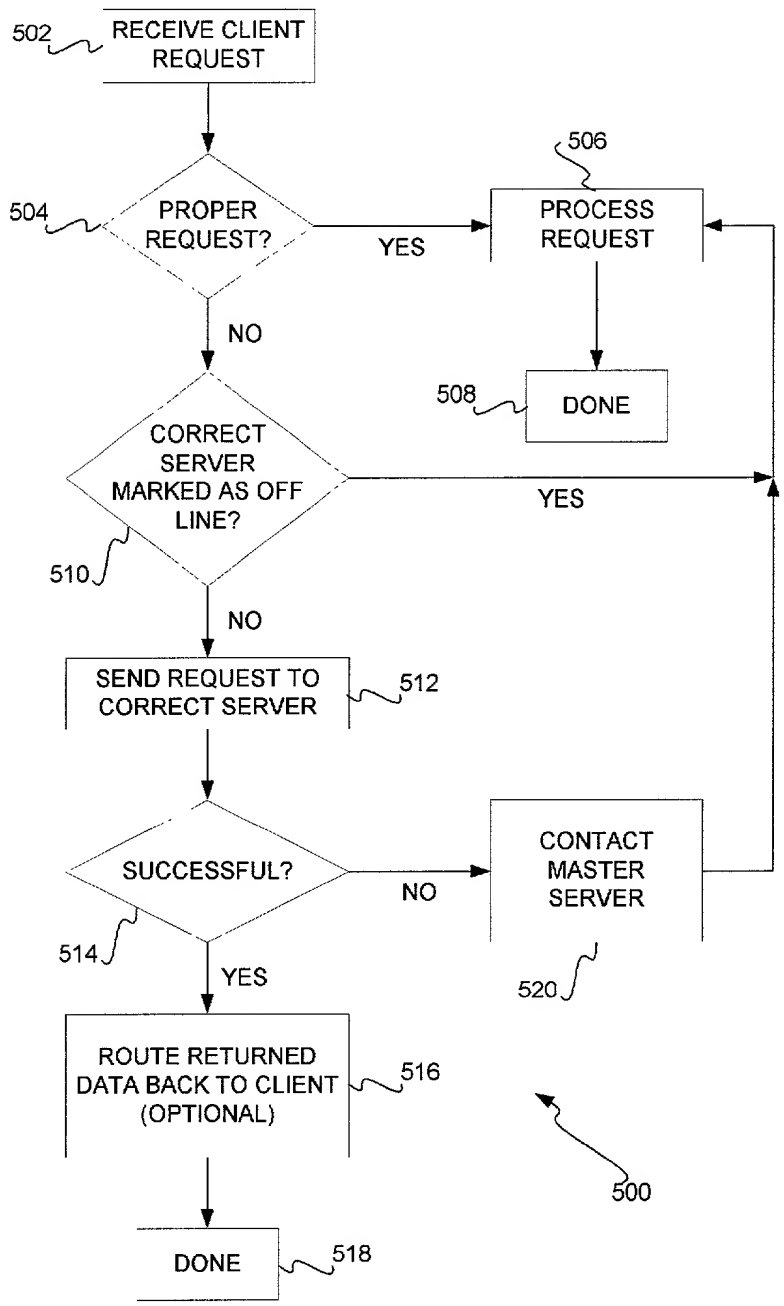
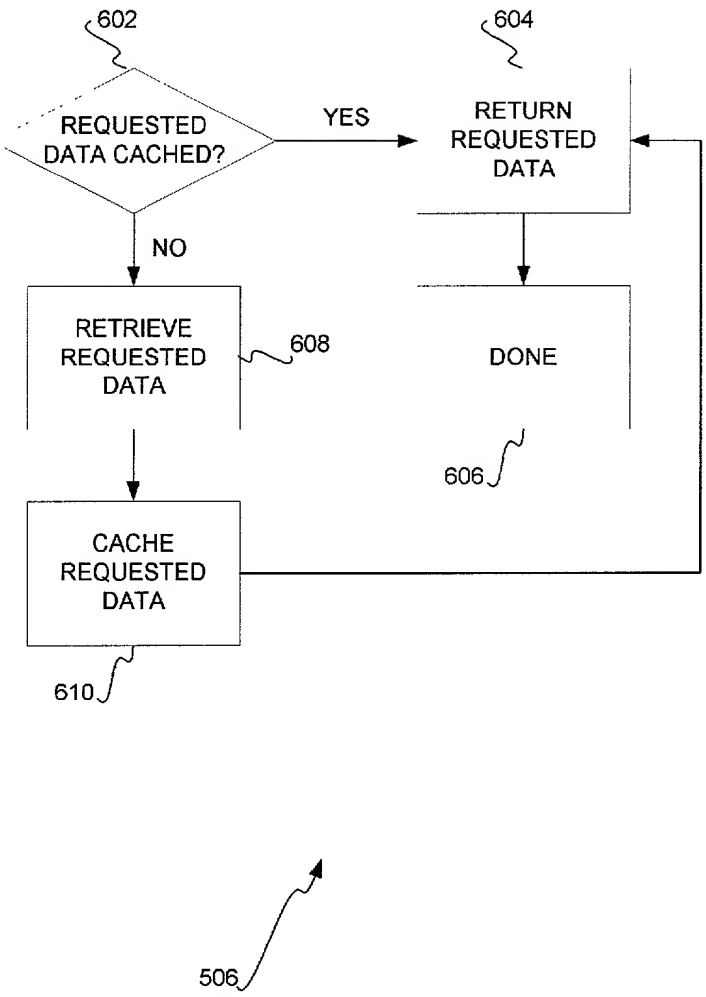
FIG 5



Express Mail No. EV339926505US

SERVER: PROCESS REQUEST

FIG 6



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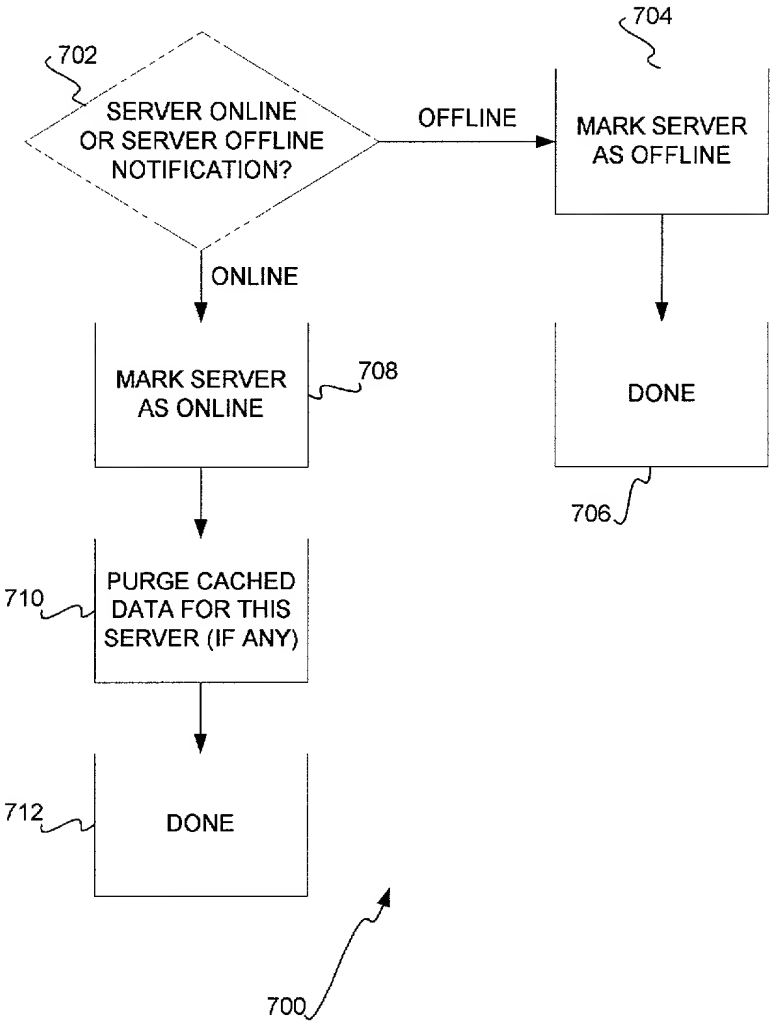
SERVER: RECEIVE NOTIFICATION FROM MASTER SERVER

FIG 7



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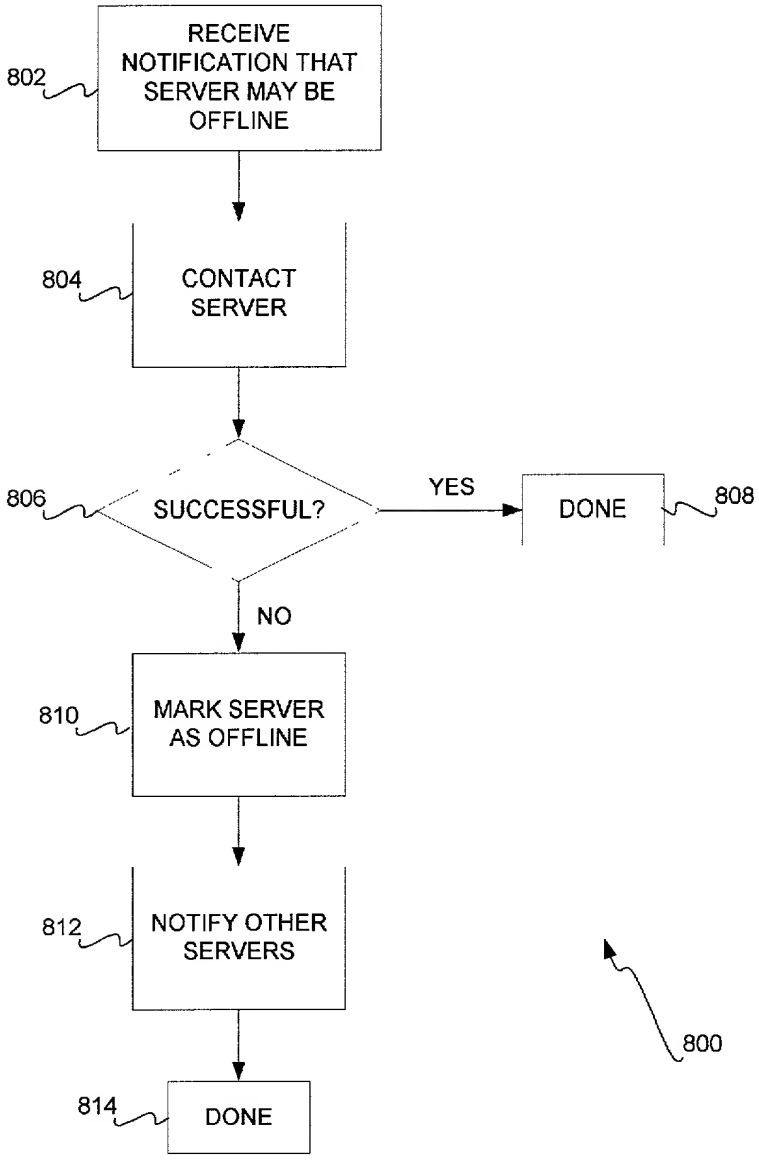
MASTER SERVER: RECEIVE NOTIFICATION OF OFFLINE SERVER

FIG 8



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MASTER SERVER: PERIODIC CHECK OF OFFLINE SERVER

FIG 9

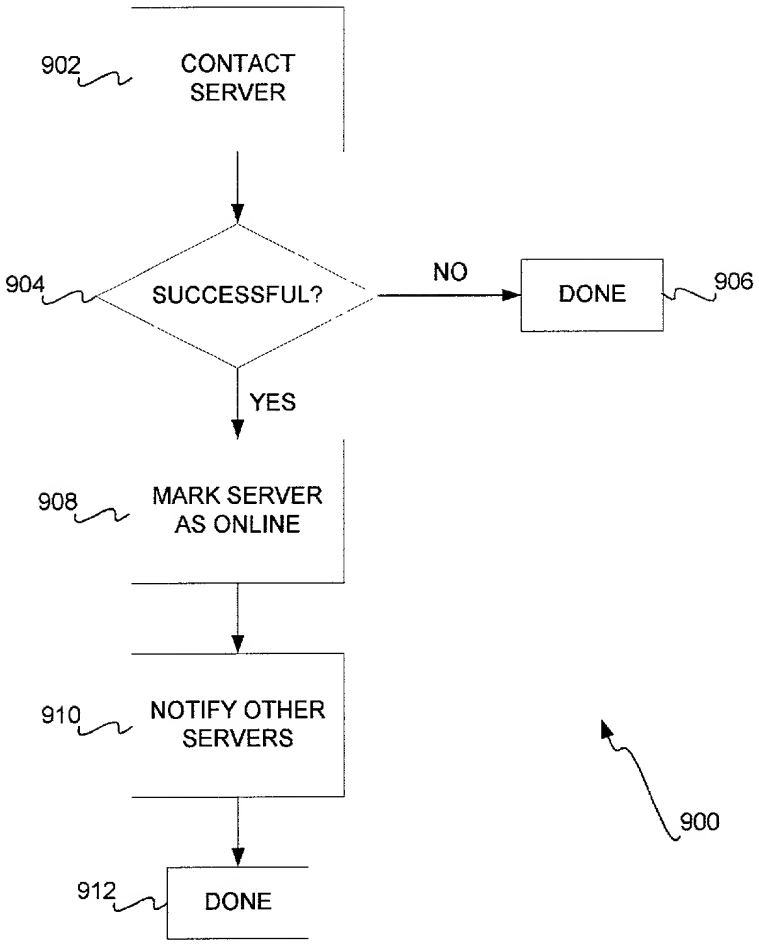

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FIG 10

NORMAL OPERATION

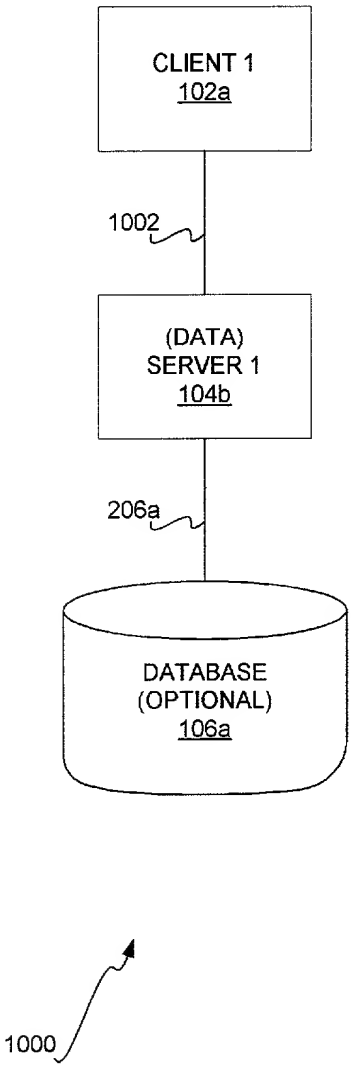

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FIG 11

SERVER IS DOWN

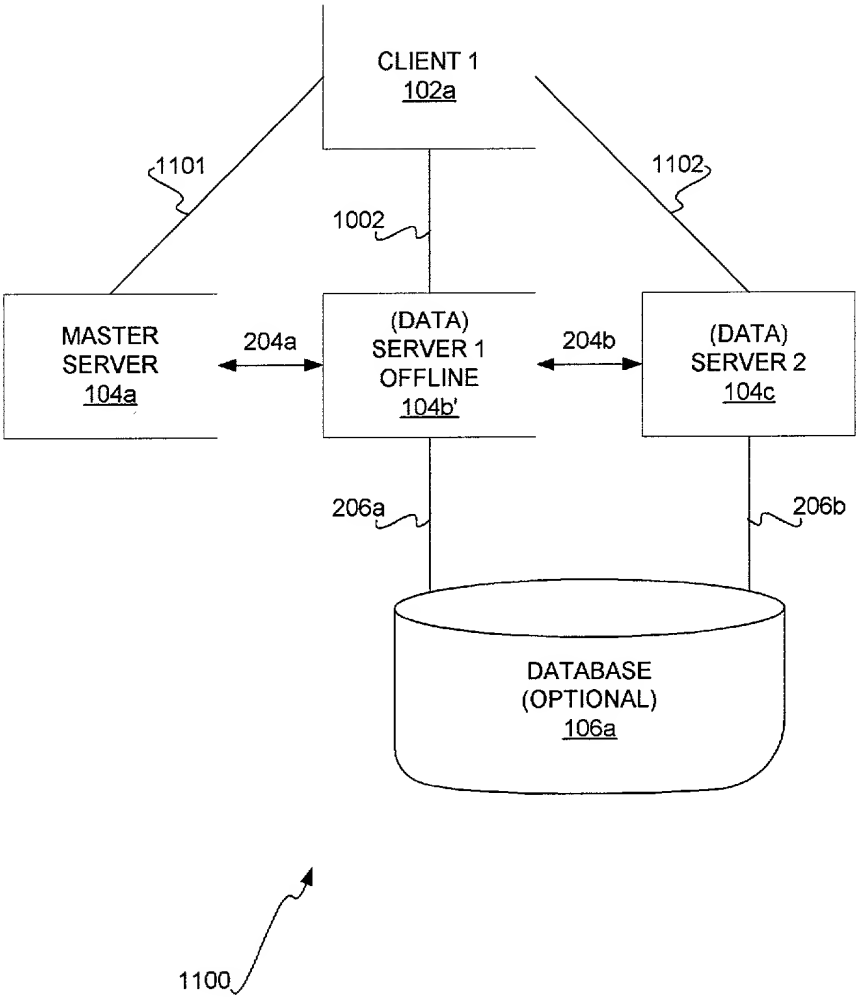


FIG 12

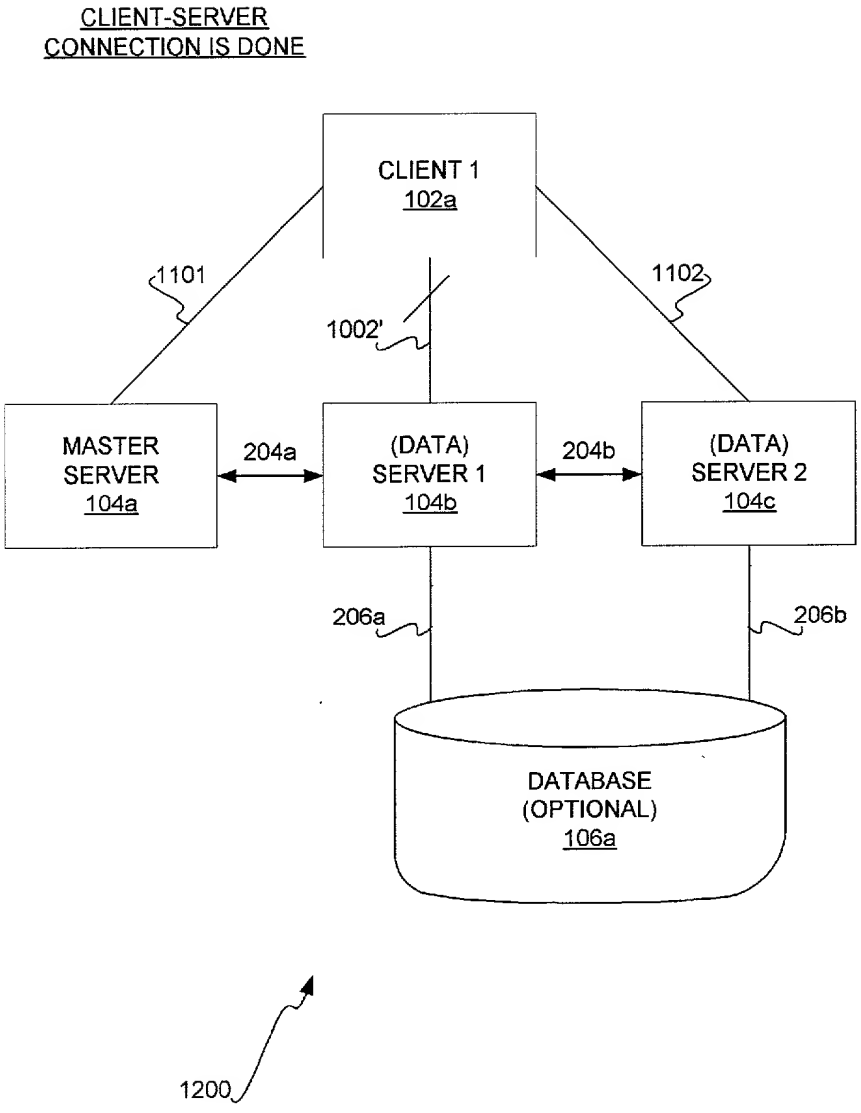
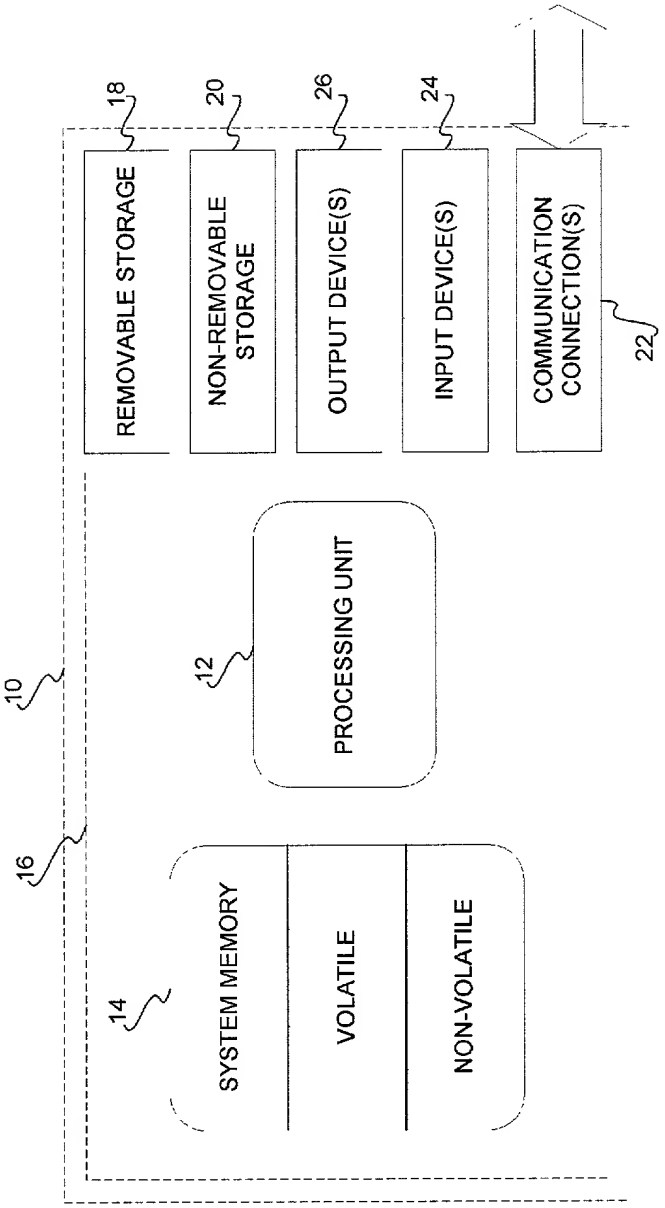

CLIENT-SERVER
CONNECTION IS DONE
CLIENT 1
102a
1101
1002'
1102
MASTER
SERVER
104a
204a
(DATA)
SERVER 1
104b
204b
(DATA)
SERVER 2
104c
206a
206b
DATABASE
(OPTIONAL)
106a
1200

FIG 13


10
12
PROCESSING UNIT
14
SYSTEM MEMORY
VOLATILE
NON-VOLATILE
16
18
REMOVABLE STORAGE
20
NON-REMOVABLE STORAGE
26
OUTPUT DEVICE(S)
24
INPUT DEVICE(S)
COMMUNICATION CONNECTION(S)
22